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January 30, 2007

Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Re: U.S. Application No. 09/552,087  
Filed: April 21, 2000  
Title: Nucleic Acid Molecules and Other Molecules Associated  
With Plants  
Applicant: Joseph R. BYRUM  
Attorney Docket No.: 16517.132

Sir:

The following documents are forwarded herewith for appropriate action by the U.S. Patent and Trademark Office:

1. a Response under 37 C.F.R. § 1.116; and
2. a return postcard.

Please stamp the attached postcard with the filing date of these documents and return it to our courier.

In the event that extensions of time beyond those petitioned for herewith are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned. Applicant does not believe any fees are due in conjunction with this filing. However, if any fees are required in the present application, including any fees for extensions of time, then the Commissioner is hereby authorized to charge such fees to Arnold & Porter LLP Deposit Account No. 50-2387 referencing matter number 16517.132. A duplicate copy of this letter is enclosed.

Respectfully submitted,

Gautam Prakash, Ph.D. (Reg. Agent No. 53,481)  
Thomas E. Holsten (Reg. Atty. No. 46,098)  
David R. Marsh (Reg. Atty. No. 41,408)

Enclosures



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:

Joseph R. BYRUM

Application Serial No.: 09/552,087

Filed: April 21, 2000

Confirmation No.: 4196

Art Unit: 1634

Examiner: Juliet C. Switzer

Attorney Docket No.: 16517.132

Title: Nucleic Acid Molecules and Other Molecules Associated With Plants

**Response under 37 C.F.R. § 1.116**

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Sir:

This is in response to the final Office Action mailed October 30, 2006.

**Remarks** begin on page 2 of this paper.